518 Rec'd PCT/PTO 0 1 AUG 2001

Docket No. 5555-578

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

: THE REGENTS OF THE UNIVERSITY

OF CALIFORNIA

International Application No.

: PCT/US01/18326

International Filing Date

: 05 June 2001

For: HY2 FAMILY OF BILIN REDUCTASES

EXPRESS MAIL CERTIFICATE

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231 on August 1, 2001.

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RESPONSE TO INVITATION TO CORRECT AND INVITATION TO FURNISH

Commissioner of Patents and Trademarks Box PCT

Washington, D.C. 20231

Sir:

In response to the Invitation to Correct Defects and the Invitation to Furnish Nucleotide Sequence Listing dated 02 July 2001, enclosed please find thirty-seven (37) pages of a sequence listing and a diskette containing the sequence listing.

This sequence listing does not include matter which goes beyond the disclosure in the international application as filed and the information recorded in the computer readable form is identical to the written sequence listing.

The serial number of the earlier application filed May 29, 2001 is **09/870,406**.

Respectfully submitted,

Dated: 1 August 2001

Robert Berliner Reg. No. 20,121

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Attn: ISA/US